

INTERN PROGRAM

TENNESSEE WILDLIFE RESOURCES AGENCY

2008

The TWRA will offer several Wildlife/Fisheries/Forestry Internships to students enrolled in wildlife or related programs at universities in Tennessee. These internships will be located at various TWRA regional offices, wildlife management areas, and other TWRA workstations. Students will be selected to work on specific, approved wildlife management or research projects or other wildlife/fisheries/forestry projects. This program is designed to give students still enrolled in school, who plan to pursue a professional career in wildlife, an opportunity to develop professional skills and experience and provide valuable assistance to TWRA in carrying out critical wildlife activities. The program will also afford TWRA an opportunity to interact with students who might seek full-time professional employment with TWRA in the future. **Students must have signed up for college credit for the internship program in order to be eligible for any of the paid intern positions offered by TWRA.**

Internships will be available during three separate seasonal terms, which include: Summer (mid-May through mid-Aug.), Fall (Sept – Dec), and Spring (Jan – April). Internships must last a minimum of 10 weeks and interns will usually work approximately 37.5 hours per week (unless part-time is approved).

Each applicant must be a student at a university pursuing studies that will qualify him/her to work in the professional wildlife field. A student may serve no more than two terms in this intern program. TWRA will accept applications from persons not meeting the above qualifications **for unpaid intern positions** and may consider these applicants, on a case-by-case basis, if there are no applicants who meet the qualifications listed above.

Students will be required to carry out duties and assignments associated with the particular position the internship occupies. Duties will be assigned by TWRA personnel as are approved by the appropriate Regional Manager or Division Chief.

This year the TWRA will be offering both funded and unfunded positions. Persons in funded intern positions will be considered part-time employees of TWRA and will be paid by TWRA at a rate of **\$8.85/** hour. Persons in unfunded intern positions will be considered volunteers and will not be paid a salary by TWRA. In some cases interns *may* have access to a state-owned vehicle for work-related travel. If a vehicle is not available, interns (including volunteers) will be expected to use their personal vehicle for work-related travel and will be compensated at the standard state mileage re-imbursement rate (currently \$0.46/mile). Travel from living quarters to and from duty station is not covered. No extra allowance will be made for housing. Housing will be provided only in a few cases. Interns will be paid a food allowance (per diem), when working away from their assigned duty station as per state policy. Students will not be eligible to accrue annual or sick leave nor will they be eligible for other benefits such as health insurance.

A list of the positions for 2008/09 follows. Interested applicants may apply for positions by completing an application (downloadable at <http://www.state.tn.us/personnel/tnapp.htm>). The application should list Wildlife Technician I PT as the job for which he/she is applying. **A completed application, a one-page resume and a cover letter indicating the specific intern positions for which an applicant wishes to be considered should be sent to the contact person(s) for the positions listed (see list for addresses and phone numbers for contact persons) no later than March 15 for summer internships.** Applications for fall internships should be submitted no later than July 15, and application for spring 2009 internships should be submitted no later than October 15, 2008.

2008/09 TWRA Student Intern Positions (Summer 2008, Fall 2008, and Spring 2009)

| | INTERN POSITION | Region | LOCATION | TERM | CONTACT | PHONE |
|-----|--|----------------|--|-------------|-----------------------------|--------------|
| 1. | Fish Hatchery, Aquatic Outreach, Farm Ponds | Region I | Jackson | Summer | Dave Rizzuto or Lance Rider | 800-372-3928 |
| 2. | Fish Hatchery, Aquatic Outreach, Farm Ponds | Region I | Jackson | Summer | Dave Rizzuto or Lance Rider | 800-372-3928 |
| 3. | State Wildlife Action Plan Surveys | Region I | West TN WMAs | Summer | Jim Hamlington | 800-372-3928 |
| 4. | State Wildlife Action Plan Surveys | Region I | West TN WMAs | Summer | Jim Hamlington | 800-372-3928 |
| 5. | State Wildlife Action Plan Surveys | Region I | West TN WMAs | Spring | Jim Hamlington | 800-372-3928 |
| 6. | State Wildlife Action Plan Surveys | Region II | Bear Hollow Mountain WMA (Franklin County) | Summer | Andrea English | 800-624-7406 |
| 7. | State Wildlife Action Plan Surveys | Region II | Region II WMAs (Coffee and Franklin counties) | Fall | Andrea English | 800-624-7406 |
| 8. | State Wildlife Action Plan Surveys | Region II | Region II WMAs (Coffee and Franklin counties) | Spring | Andrea English | 800-624-7406 |
| 9. | Fish Hatchery Production | Region II | Normandy Hatchery (Bedford County) | Summer | John Riddle | 931-857-3417 |
| 10. | Dove Banding Study | Region II | Region II counties | Summer | Russ Skoglund | 800-624-7406 |
| 11. | Bear and Deer Surveys, Waterfowl Banding | Region III | Crossville, Region III counties | Summer | Ben Layton | 800-262-6704 |
| 12. | State Wildlife Action Plan Surveys, Grassland/Woodland Faunal Survey | Region III | Bridgestone/Firestone WMA (Western Cumberland Plateau) | Summer | Kirk Miles | 800-262-6704 |
| 13. | State Wildlife Action Plan Surveys, Hellbender Project | Region III | Cumberland Plateau | Summer | Kirk Miles | 800-262-6704 |
| 14. | State Wildlife Action Plan Surveys, Wetland Project | Region III | Cumberland Plateau | Spring | Kirk Miles | 800-262-6704 |
| 15. | Wildlife Management | Region III | Bridgestone/Firestone WMA (Western Cumberland Plateau) | Summer | James Douglas | 800-262-6704 |
| 16. | State Wildlife Action Plan Surveys, Habitat Assessment | Region IV | Region IV counties primarily mountains, northeastern Tennessee | Summer | Scott Dykes | 423-587-7037 |
| 17. | State Wildlife Action Plan Surveys, Northern Blue Ridge | Region IV | Mountains, northeastern Tennessee | Summer | Pete Wyatt | 423-587-7037 |
| 18. | State Wildlife Action Plan Surveys, Lick Creek Bottom WMA | Region IV | Lick Creek Bottoms WMA; mountains, northeastern Tennessee | Summer | Pete Wyatt | 423-587-7037 |
| 19. | Region IV Stream Surveys | Region IV | Morristown, Region IV counties | Summer | Jim Habera | 423-587-7037 |
| 20. | Information and Education | Region IV | Morristown, Region IV counties | Summer | Allen Ricks | 423-587-7037 |
| 21. | Environmental Services/Aquatic Habitat Protection Program | Central Office | Statewide | Summer | Kimberly Elkin | 615-781-6540 |
| 22. | Fish Surveys and Data Collection, Reservoir Program | Central Office | Statewide | Summer | George Scholten | 615-781-6577 |
| 23. | Wildlife Forestry | Central Office | Cheatham WMA | Summer | Don Lee | 615-792-2926 |
| 24. | Wildlife Forestry | Central Office | West TN WMAs | Summer | Jason Maxedon | 731-235-0239 |
| 25. | Wildlife Forestry | Central Office | Royal Blue WMA | Summer | Joe Elkins | 423-562-1785 |
| 26. | Goose, Dove, Wood Duck Banding, Avian Influenza Sampling | Central Office | Statewide | Summer | Tim White | 615-781-6620 |
| 27. | White-tailed Deer Thermal Imaging Survey | Central Office | Statewide | Summer | Daryl Ratajczak | 615-781-6615 |

Red – SWG Funding (State Wildlife Grants)

Black – State Funding (General Wildlife Fund)

Office addresses for contacts unless specifically listed under position:

| | | | |
|-----------------|---|------------|---|
| Region I: | TWRA 200 Lowell Thomas Dr Jackson, TN 38301 | Region II: | TWRA P.O. Box 41489 Nashville, TN 37204 |
| Region III: | TWRA 464 Industrial Blvd Crossville, TN 38555 | Region IV: | TWRA 3030 Wildlife Way Morristown, TN 37814 |
| Central Office: | TWRA P.O. Box 40747 Nashville, TN 37204 | | |

1, 2. Fish Hatchery/Farm Pond/Aquatic Outreach – 2 Summer Internships

Location: Jackson, TWRA Region I Office
Start: Mid-May
End: Mid-August
Pay: \$8.85 per hour
Contact Persons: Dave Rizzuto or Lance Rider

This intern will work with the farm pond management assistance program, outdoor outreach programs for youth, 4-H programs, Project ECHO for enhancement of both aquatic and terrestrial habitats, and fish hatchery management.

Specific Duties: Learning fish hatchery management techniques such as harvest and distribution, preparation and restocking of brood fish, and feeding regimes; assisting with outdoor outreach programs such as ECHO, 4-H, farm pond technical assistance to landowners, and other TWRA programs;.

Housing: None

3, 4, 5. State Wildlife Action Plan Surveys – 2 Summer Internships and 1 Spring Internship

Location: Jackson, TWRA Region I Office
Start: Mid-May (Summer) and Mid-December (Spring)
End: Mid-August (Summer) and Mid-May (Spring)
Pay: \$8.85 per hour
Contact Person: Jim Hamlington

These interns will assist in collecting inventory data on species of concern. Data will be used to complete our comprehensive plan for these species.

Specific Duties: Conduct field surveys primarily of reptile, amphibian, and mammal species (including but not limited to bats), and their habitat associations. Interns may also analyze data collected. Work area may encompass any of the 25 counties in TWRA's Region I. Duties may also be performed in the TWRA Jackson Office.

Housing: None

6. State Wildlife Action Plan Surveys – 1 Summer Internship

Location: Bear Hollow Mountain WMA (Franklin County)
Start: Mid-May
End: Mid-August
Pay: \$8.85 per hour
Contact Person: Andrea English

The following Intern Position will be necessary to conduct the summer nongame survey work in Franklin County. The SWAP nongame inventories will be focusing on amphibian, reptile, and small mammal inventories mostly at Bear Hollow Mountain WMA.

- 1) Check pit traps, coverboard and tin cover arrays, and turtle traps.
- 2) Assist with bat mist netting.
- 3) Repair and maintain drift fence/pit fall arrays.
- 4) Maintain coverboard and tin arrays.
- 5) Construct and use funnel traps to capture snakes.
- 6) Identify, measure, and collect natural history data on amphibian, reptile and small mammal specimens.
- 7) Assist with regional and statewide annual nongame bioblitzes.
- 8) Conduct amphibian and reptile visual encounter surveys.
- 9) Assist with rattlesnake radio-telemetry tracking and movement mapping.

This internship would be most appropriate for students interested in nongame wildlife biology. Research will be conducted throughout the year in 2008 and 2009. An intern is needed during all seasonal terms. Interns will need to provide their own transportation, work gloves, boots, binoculars, waders, etc.

Housing: None

7. State Wildlife Action Plan Surveys – 1 Fall Internship

Location: Franklin County
Start: Mid-August
End: Mid-December
Pay: \$8.85 per hour
Contact Person: Andrea English

The following Intern Position will be necessary to conduct the fall nongame survey work in Franklin County. This includes the herpetofaunal inventory, small mammal trapping, and bat mist netting.

- 1) Construct and use funnel traps to capture snakes.
- 2) Identify, measure, and collect natural history data on amphibian, reptile and small mammal specimens.
- 3) Assist with regional and statewide annual nongame bioblitzes.
- 4) Check pit traps, coverboard and tin cover arrays, and turtle traps.
- 5) Set, check, and clean small mammal box traps.
- 6) Assist with bat mist netting.
- 7) Repair and maintain drift fence/pit fall arrays.
- 8) Maintain coverboard and tin arrays.
- 9) Conduct amphibian and reptile visual encounter surveys.
- 10) Assist with rattlesnake radio-telemetry tracking and movement mapping.

This internship would be most appropriate for students interested in nongame wildlife biology. Research will be conducted throughout the year in 2008 and 2009. An intern is needed during all seasonal terms. Interns will need to provide their own transportation, work gloves, boots, binoculars, waders, etc.

Housing: None

8. State Wildlife Action Plan Surveys – 1 Spring Internship

Location: Franklin County
Start: Mid-December
End: Mid-April
Pay: \$8.85 per hour
Contact Person: Andrea English

The following internship focuses on the spring nongame survey work to be conducted in Franklin County. This includes a herpetofaunal inventory and small mammal trapping.

- 1) Check pit traps, coverboard and tin cover arrays, and turtle traps.
- 2) Repair, maintain, breakdown and move drift fence/pit fall arrays.
- 3) Maintain coverboard and tin arrays.
- 4) Set, check, and clean small mammal box traps.
- 5) Construct and use funnel traps to capture snakes.
- 6) Identify, measure, and collect natural history data on amphibian, reptile and small mammal specimens.
- 7) Assist with regional and statewide annual nongame bioblitzes.
- 8) Conduct amphibian and reptile visual encounter surveys.

This internship would be most appropriate for students interested in nongame wildlife biology. Research will be conducted throughout the year in 2008 and 2009. Interns will need to provide their own transportation, work gloves, boots, binoculars, waders, etc.

Housing: None

9. Fish Hatchery Production- 1 Summer Internship

Location: Normandy Hatchery (Bedford County)
Start: Mid-May
End: Mid-August
Pay: \$8.85 per hour
Contact Person: John Riddle

This intern will assist during the months when brood fish collection, spawning, tank culture and pond culture activities are at their height.

Specific Duties: All phases of brood fish collection, egg spawning, fry fish culture, and pond fish culture during the spring. Also included is vehicle maintenance, equipment maintenance, yard care and facility maintenance.

Housing: None

10. Dove Banding Study – 1 Summer Internship

Location: Nashville, TWRA Region II Office
Start: Mid-May
End: Mid-August
Pay: \$8.85 per hour
Contact Person: Russ Skoglund

This intern will trap and leg-band mourning doves in TWRA Region II counties (Middle TN).

Housing: None

11. Bear and Deer Surveys, Waterfowl Banding – 1 Summer Internship

Location: Crossville, TWRA Region III Office
Start: Early-June
End: Late-August
Pay: \$8.85 per hour
Contact Person: Ben Layton

This intern would assist in collection and compilation of biological data for various wildlife species in Region III (Cumberland Plateau and southeastern TN).

Specific Duties: Assisting with banding efforts for Canada geese, mourning doves and wood ducks with primary emphasis on expanding wood duck banding efforts throughout Region III. This position would also assist in conducting bear survey transects and exploring deer censusing techniques using thermal imaging and infrared camera equipment. As schedule allows, intern will also assist in habitat management work and other projects on various Region III WMAs.

Housing: None

12. State Wildlife Action Plan Surveys, Grassland/Woodland Faunal Surveys – 1 Summer Internship

Location: Crossville, TWRA Region III Office
Start: Mid-May
End: Mid-August
Pay: \$8.85 per hour
Contact Person: Kirk Miles

This project will intensively survey savannah/woodland habitats on Bridgestone/Firestone WMA. Survey methods will include snake-box traps, Sherman traps, pitfall traps, visual encounter surveys, and mist netting. This intensive effort will target numerous GCN species including: northern pine snake, eastern slender glass lizard, eastern hog-nosed snake, timber rattlesnake, meadow jumping mouse, golden mouse, southeastern shrew, pygmy shrew, bats, and amphibians.

Housing: None

13. State Wildlife Action Plan Surveys, Hellbender Project – 1 Summer Internship

Location: Crossville, TWRA Region III Office
Start: Mid-May
End: Mid-August
Pay: \$8.85 per hour
Contact Person: Kirk Miles

The hellbender is federally listed as Management Concern and state listed as In Need of Management. It is identified as a GCN species in the SWAP. Many of the hellbender records for the Cumberland Plateau are old and need to be updated. The hellbender is a good indicator species of healthy aquatic systems. This effort will be coordinated using the existing SWAP database to update records in streams where hellbenders have historically occurred and to possibly locate new populations of hellbenders on the Cumberland Plateau.

Housing: None

14. State Wildlife Action Plan Surveys, Wetlands Project – 1 Spring Internship

Location: Crossville, TWRA Region III Office
Start: Mid-December
End: Mid-April
Pay: \$8.85 per hour
Contact Person: Kirk Miles

Vernal pools are an important landscape feature that provide critical breeding habitat to many amphibian species. The quantity and quality of this habitat on the Cumberland Plateau is poorly understood. This project will inventory vernal pools on Catoosa WMA. Vernal pool habitat data relative to species key limiting factors (as identified in SWAP) will be collected and sites will be qualitatively sampled using gear such as dip nets and seines.

Housing: None

15. Wildlife Management – 1 Summer Internship

Location: Bridgestone/Firestone WMA
Start: Mid-May
End: Mid-August
Pay: \$8.85 per hour
Contact Person: James Douglas

This intern would assist the manager and wildlife technician 1 in improving the conditions of the newly acquired property located in Big Bottom and Flowering Well communities. This area covers approximately 6,000 acres.

Specific Duties: Assist in trail maintenance and construction. Improve roads including trimming limbs and brush from roadways. Assist in planting various crops for wildlife. Painting boundary lines and mowing lanes for easy access for hikers and hunters. Assist in Free Fishing Day, Hunter Safety and other public programs.

Housing: None

16. State Wildlife Action Plan Surveys, Habitat Assessment – 1 Summer Internship

Location: Morristown, TWRA Region IV Office
Start: Mid-May
End: Mid-August
Pay: \$8.85 per hour
Contact Person: Scott Dykes

The intern would spend approximately 75 percent of the 14 weeks conducting nongame inventories and locating new habitats at selected locations within TWRA Region IV. The remaining 25 percent or 20 days would be spent assisting regional inventory projects conducting surveys on selected WMAs and assisting regional personnel conducting surveys at other locations in Region IV, i.e., Kyker Bottoms Refuge, Shady Valley, Bowmantown Wetlands, Rankin WMA, Hampton Creek State Natural Area, etc.

Housing: None

17. State Wildlife Action Plan Surveys, Northern Blue Ridge – 1 Summer Internship

Location: Morristown, TWRA Region IV Office
Start: Mid-May
End: Mid-August
Pay: \$8.85 per hour
Contact Person: Pete Wyatt

The intern would spend approximately 75 percent of the 14 weeks conducting nongame inventories at selected locations within the Blue Ridge Ecoregion, i.e. Roan Mountain State Park, Rocky Fork, Bumpass Cove, Hampton Creek Cove and Lick Creek WMA. The remaining 25 percent or 20 days would be spent assisting the regional inventory project conducting surveys on selected WMAs and assisting regional personnel conducting surveys at other locations in Region IV, i.e., Kyker Bottoms Refuge, Shady Valley, Lick Creek Bottoms, Bowmantown Wetlands, Rankin WMA, Kyles Ford etc.

Housing: None

18. State Wildlife Action Plan Surveys, Lick Creek Bottoms WMA – 1 Summer Internship

Location: Morristown, TWRA Region IV Office
Start: Mid-May
End: Mid-August
Pay: \$8.85 per hour
Contact Person: Pete Wyatt

The Intern would spend approximately 75 percent of the 14 weeks conducting nongame inventories and habitat improvement at selected locations within the Lick Creek Bottoms WMA. The remaining 25 percent or 20 days would be spent assisting the regional inventory project conducting surveys on selected WMAs and assisting regional personnel conducting surveys at other locations in Region IV, i.e., Kyker Bottoms Refuge, Shady Valley, Bowmantown Wetlands, Rankin WMA, Hampton Creek State Natural Area etc.

Housing: None

19. Information and Education – 1 Summer Internship

Location: Morristown, TWRA Region IV Office
Start: Mid-May
End: Mid-August
Pay: \$8.85 per hour
Contact Person: Allen Ricks

This intern will scan a volume of slides into digital format for inclusion in the Region IV photo storage server. The intern would assist with the taking of photos of regional activities and personnel for the photo server, assist with outreach programs (Free Fishing Day, Conservation Field day, etc), and work shows and exhibits across the region.

Housing: None

20. Environmental Services/Aquatic Habitat Protection Program – 1 Summer Internship

Location: Nashville, TWRA Central Office
Start: Mid-May
End: Mid-August
Pay: \$8.85 per hour
Contact Person: Kimberly Elkin

This intern will assist with Aquatic Habitat databases and the Instream Flow Program.

Specific Duties: This intern will collect, update, convert and relate aquatic species surveys to geospatial databases. TWRA's fish survey database consists of mapping coverages of streams, rivers, and reservoirs with relatable fisheries data. This intern will also assist with the collection of instream flow data. Instream flow fieldwork will consist of gathering data on biology, water quality, hydrology, and stream geomorphology as it relates to non-game species. This intern will also work with watershed organizations and other state and federal agencies.

Housing: None

21. Region IV Stream Surveys – 1 Summer Internship

Location: Morristown, TWRA Region IV Office
Start: Mid-May
End: Mid-August
Pay: \$8.85 per hour
Contact Person: Jim Habera

Work will be field-oriented. This intern will primarily assist with three-pass depletion, catch-per-unit-effort, and Index of Biotic Integrity sampling using boat and backpack electrofishing gear to determine fish community structures and sport fish abundances. Associated activities will include:

- 1) Operating boat and backpack electrofishers, seines, and other sampling gear
- 2) Three-pass depletion sampling
- 3) Identifying, measuring and weighing fish
- 4) Collecting macroinvertebrate samples
- 5) Collecting various physical and chemical data from streams
- 6) Trout culture and stocking
- 7) Data entry into regional fisheries database

22. Fish Surveys and Data Collection, Reservoir Program – 1 Summer Internship

Location: Nashville, TWRA Central Office
Start: Mid-May
End: Mid-August
Pay: \$8.85 per hour
Contact Person: George Scholten

This intern will assist regional fisheries crews with reservoir catfish surveys (field assistance) and assist the central office with processing and reading otoliths and other age structures (lab assistance).

Specific Duties: The intern will provide assistance with catfish population sampling; processing catfish in the field and at fish markets; otolith extraction and processing (i.e., embed in epoxy, sectioning using a low-speed isomet saw, and polishing with sand paper). Intern must have had experience reading fish otoliths as they will be responsible for providing a second reading for final TWRA age determinations.

Housing: None

23. Wildlife Forestry (Cheatham WMA) – 1 Summer Internship

Location: Cheatham WMA – Cheatham County
Start: Mid-May
End: Mid-August
Pay: \$8.85 per hour
Contact Person: Don Lee

The intern will assist the area forester in forest inventory, crop-tree release (approximately 50 acres), road maintenance and logging operations. The crop-tree release will benefit the oak regeneration in older regenerated areas. Crop-tree release will require herbicide application (hack and squirt method) to undesirable species that are impeding oak growth.

The intern will also assist the area manager with duties such as crop planting, disking, moving equipment, mowing, work on the waterfowl area and banding of ducks.

Housing: Modest housing may be available at the Cheatham checking station.

Mail application for this position to: Don Lee
TWRA Forestry
2880 Petway Road,
Ashland City, TN 37015
Phone: 615-792-2926

24. Wildlife Forestry (W. TN) – 1 Summer Internship

Location: Various WMAs in West TN
Start: Mid-May
End: Mid-August
Pay: \$8.85 per hour
Contact Person: Jason Maxedon

This intern will assist in post planting maintenance and experimental studies of bottomland hardwood restoration projects throughout West Tennessee. Intern will also assist in annual forest inventory, forest management planning, and implementation of forest plans.

Specific duties: The intern will provide assistance in the following: monitoring of reforestation success through survival surveys, tree seedling herbicide application for unwanted vegetation control; experimental studies in conjunction with the University of Tennessee (to include measuring, tagging, and data recording); forest inventory, data collection on existing forest plots, ground vegetation surveys, marking of forest stands for harvest, thinning, and stand improvement; overseeing timber harvest, reforestation, site preparation, and post-planting maintenance contract work (or assisting in actual work with machine tree planter, bush-hog, etc.); prescribed burning, and road layout. The interns will also provide assistance in giving presentations and/or field tours to the public and school groups. Some maintenance of equipment will also be required.

Housing: Modest housing will be available in one of the rooms in the forestry office at Big Cypress Tree State Natural Area.

Mail application for this position to: Jason Maxedon
TWRAS
297 Big Cypress Road
Greenfield, TN 38230
Phone: 731-235-0239

25. Wildlife Forestry (Royal Blue WMA) – 1 Summer Internship

Location: Royal Blue WMA – Campbell and Scott counties
Start: Mid-May
End: Mid-August
Pay: \$8.85 per hour
Contact Person: Joe Elkins

This intern is needed to assist in various forest management activities that will be necessary to implement the forest management prescriptions that have been prepared to benefit game and non-game wildlife, in addition to assisting in collecting new forest inventory data for future plans. Maintaining and enhancing neotropical migratory songbird habitat while improving game wildlife habitat is an important goal of this project, with the cerulean and golden-winged warblers the two songbird species in need of management on this WMA.

Specific Duties: Provide assistance in forest inventory, marking of forest stands for harvest, thinning, and stand improvement, and marking modified shelterwoods for cerulean warbler habitat; overseeing timber harvest, reforestation, and site preparation contract work; prescribed burning (in part to benefit the golden-winged warbler), and road layout; implementing and collecting data on effectiveness of older and newer forest regeneration practices to enhance oak regeneration.

Housing: Modest housing may be available near the Royal Blue forestry office, depending on number of interns working on WMA.

Mail application for this position to: Royal Blue Forestry
Joe Elkins
P.O. Box 718
Caryville, TN 37714

26. Goose, Dove, Wood Duck Banding, Avian Influenza Sampling – 1 Summer Internship

Location: Nashville, TWRA Central Office
Start: Mid-May
End: Mid-August
Pay: \$8.85 per hour
Contact Person: Tim White

This intern will trap and band Canada geese, wood ducks, and mourning doves for TWRA's preseason migratory game bird banding project. These banding activities occur during the months of June, July, and August.

Specific Duties: The TWRA Waterfowl Program Coordinator would supervise the intern and activities would include: Canada goose roundups and banding; Wood duck bait site maintenance and banding; building dove traps, distributing dove bands and traps to regional personnel, delivering bait to regional personnel as needed, baiting banding sites, banding doves, recording data, Banding data entry, and assist Program Coordinator with other needed duties. During Canada goose roundups, the intern will assist with collecting avian influenza samples, record the data, and ship the samples to the testing lab.

Housing: None.

27 White-tailed Deer Thermal Imaging Survey – 1 Summer Internship

Location: Nashville, TWRA Central Office
Start: Mid-May
End: Mid-August
Pay: \$8.85 per hour
Contact Person: Daryl Ratajczak

Calculating accurate deer densities is the number one priority for proper management of the deer herd. New thermal imaging technology is now available that may accurately calculate deer densities with minimal effort; therefore, survey protocols need to be developed. This intern will be assigned to the Nashville Office, Wildlife Division, working with the TWRA Big Game Program, assisting with the white-tailed deer thermal imaging studies.

Specific Duties: Assist Big Game and regional biologists with data collection and monitoring of the white-tailed deer herd. Intern will be required to operate advanced thermal imaging and recording equipment. This person will also be required to travel in Agency vehicles during night-time surveys. Intern will be responsible for the data acquisition of surveys (75 percent Central Tennessee locations) that measure buck-to-doe ratios, fawning recruitment, and deer densities. Equipment and transportation will be provided. Interns may also be used to input and/or analyze collected data (25 percent Nashville).

Housing: None